

A NEW SPECIES OF SPIROGYRA

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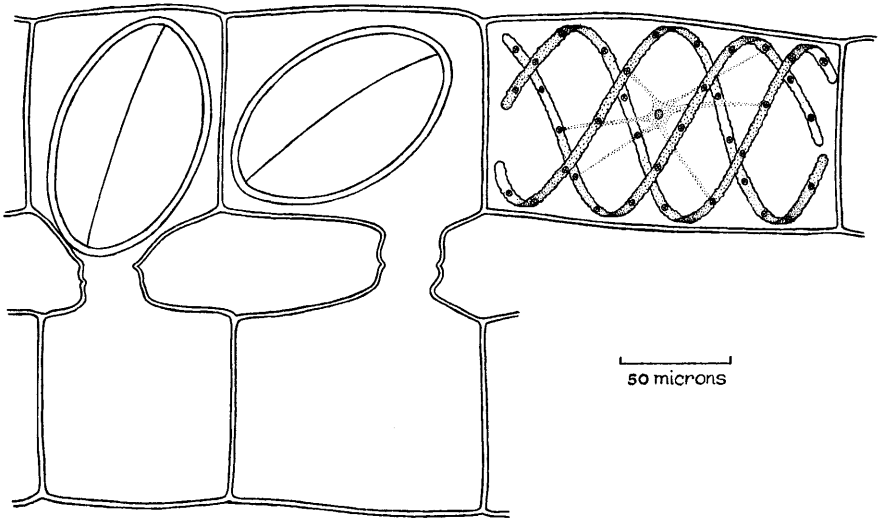
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***Spirogyra hymerae* n. sp.**

Vegetative cells $83-92 \times 43-256\mu$, with plane end walls; 2-4 chromatophores, usually 3, making 0.5-2 turns in the cell; conjugation scalariform, tubes formed by both cells; receptive gametangia cylindric or slightly enlarged; zygospores mostly ellipsoid, $53-79\mu \times 83-128\mu$, all walls smooth, median wall yellow.

Cellulis vegetativis $83-92 \times 43-256\mu$, dissepimentis planis; chromatophoris 2-4, anfractibus 0.5-2; conjugatione scalaris; tubo ex utraque cellula conjuganda emisso; cellulis fructiferis cylindricis, vel paululum inflatis; zygosporis ellipsoideis $53-79\mu \times 83-128\mu$, mesosporio laevi, flavescente.



To be compared with *Spirogyra setformis* (Roth) Kuetzing from which it differs in number of chromatophores and smaller size.

Collected by the authors from a small pond at Hymera, Sullivan County, Indiana, September 10, 1936.

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